Project Management Document

Hotel Automation System

- **Group-15**
  201901011 - Himanshu Dudhatra
  201901024 - Dhavalsinh Raj
  201901030 - Bhuminkumar Patel
  201901056 - Smit Patel
  201901057 - Shivam Patel
  201901100 - Shubham Patel

1. Activity list (Estimate time for each activity. Mention probable dates.)

(a) Formulation of the problem :- 15 March - 22 March (8 hours)
  i. Reading relevant background information :-
     15 March - 17 March (3 hours)
  ii. Understanding and documenting the requirements :-
     18 March - 20 March (3 hours)
  iii. Discussions :- 20 March - 22 March (2 hours)

(b) Designing a solution, documentation :- 22 March - 5 April (15 hours)

(c) Relevant learning :- 5 April - 12 April (20 hours)

(d) Coding and unit testing :- 12 April - 29 April (12 hours)

(e) Documentation :- 26 April - 29 April (8 hours)

(f) Testing :- 29 April - 5 May (8 hours)

(g) Reviews :- 5 May - 7 May (6 hours)

(h) Re-work and debugging :- 7 May - 13 May (8 hours)

2. Project Plan: For each activity, your estimated start date, end date, responsible person(s).

(a) Formulation of the problem
:- 15 March - 22 March (8 hours)

    i. Reading relevant background information
      :- 15 March - 17 March (3 hours)
      :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

    ii. Understanding and documenting the requirements
      :- 18 March - 20 March (3 hours)
      :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

    iii. Discussions
      :- 20 March - 22 March (2 hours)
      :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(b) Designing a solution, documentation
    :- 22 March - 5 April (15 hours)
    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(c) Relevant learning

    :- 5 April - 12 April (20 hours)

    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(d) Coding and unit testing

    :- 12 April - 29 April (12 hours)

    :- Dhaval

(e) Documentation

    :- 26 April - 29 April (8 hours)

    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(f) Testing

    :- 29 April - 5 May (8 hours)

    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(g) Reviews

    :- 5 May - 7 May (6 hours)

    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

(h) Re-work and debugging

    :- 7 May - 13 May (8 hours)

    :- Shivam, Himanshu, Dhaval, Bhumin, Smit, Shubham

3. Testing Strategy:

Description	Test Case	Expected Result	Person Responsible
For creating a new account, the user must fill in the necessary information.	1. Username is empty. 2. User enters invalid mobile no./email address. 3. Customer tries to log in to an unauthorized account.	1. Users will be informed. 2. Users will be informed to provide valid input. 3. Customer will be prevented from log in	Shivam
The user's password must meet all of the password requirements.	1. User enters a password with length less than 8 or the password is not a combination of characters and numbers. 2. Password is empty. 3. Password and confirm password fields do not match. 4. New password is similar to the current password or old password.	1. Users will be informed that password's constraints do not match. 2. Passwords must be provided. 3. Error of password does not match. 4. New password can not be the same as the old one.	Himanshu

There can only be one account associated with one user ID.	1. User tries to create an account using existing user ID.	1. An error will be displayed that this user ID already exists.	Dhaval
User can edit his/her profile	1. User updates his/her profile.	1. User should be able to update the account profile information	Bhumin
Displaying the available room details list.	1. User will open the available room details list. 2. For some reason the available room details are not shown.	1. The available room details list will be shown. 2. Please, try it after some time.	Smit
User makes payments.	1. Users make payment successfully. 2. The payment goes unsuccessful.	1. Users will be informed that payment was successful and a bill will be generated. 2. Users will be informed that payment was unsuccessful.	Shubham

4. Any other special activities and an appropriate breakup with estimation, as recommended by the standard fixed.

:- None.